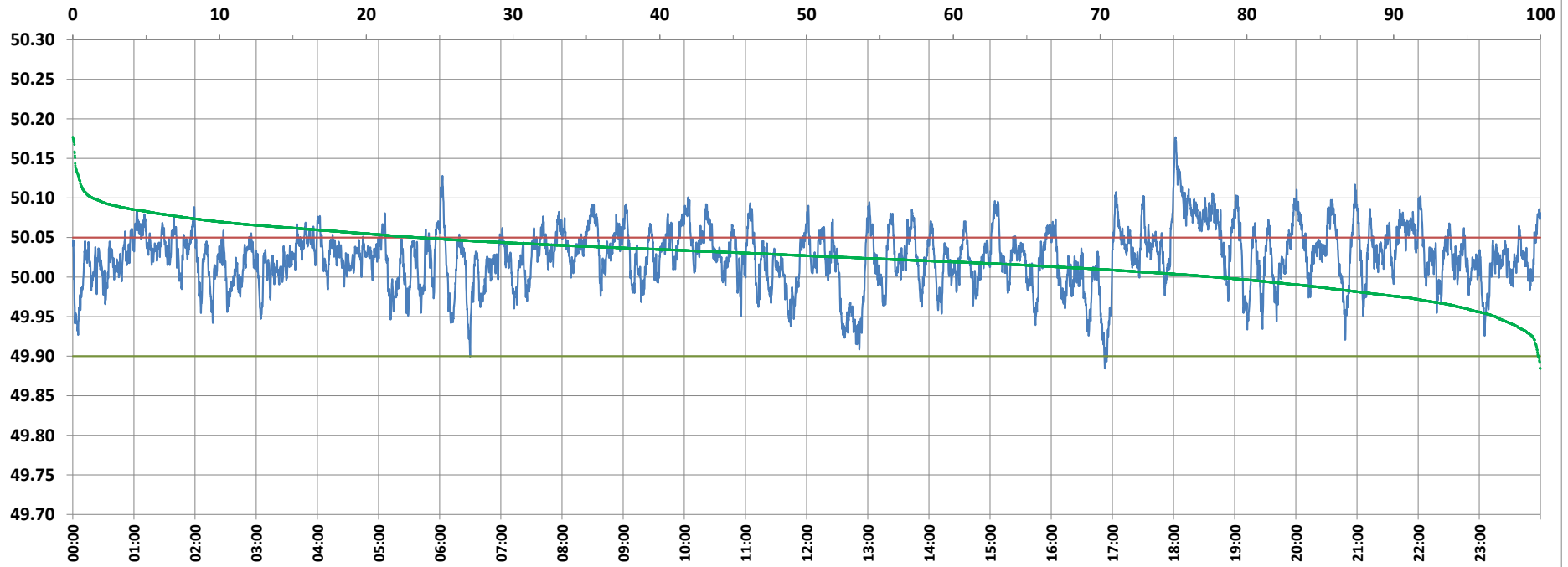


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Aug-2021 (Friday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	0.14	7.79	0.00	0.14	21.96	76.55	1.35	76.28	100.00	45.79	22.22	77.91	46.42	23.58	0.00	3.06	73.37	2.92

Average Frequency : 50.025	Frequency Variation Index : 0.0199	Standard Deviation : 0.0368	Mileage: 39.7	FDI: 23.7
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Instantaneous Frequency		
Max	50.177	18:01:50
Min	49.884	16:52:50

15 minute Average Frequency		
Max	50.118	18:15:00
Min	49.948	17:00:00

No. of excursions	
above 50.03 Hz	238
below 49.97 Hz	70
above 50.00 Hz	144
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:01:36
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	5:41:30
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Source : AGRA 10 Sec. (8640 samples)